

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

7432-0054

APPLICATION NO. 10/811,121

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

APPLICANT

Burrow et al.

FILING DATE 26/March/2004

ART UNIT 3743

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
TKM	AA	6,003,511	12/21/99	Fukunaga et al.	128	202.27	7/15/98
TKM	AB	5,983,896	11/16/99	Fukunaga et al.	128	202.27	2/4/98
TKM	AC	5,983,894	11/16/99	Fukunaga et al.	128	205.29	7/15/98
TKM	AD	5,983,891	11/16/99	Fukunaga et al.	128	200.24	7/15/98
TKM	AE	5,823,184	10/20/1998	Gross	128	204.18	3/25/97
TKM	AF	5,778,872	07/14/1998	Fukunaga et al.	128	202.27	11/18/96
TKM	AG	5,722,391	03/03/1998	Rosenkoetter et al.	128	200.24	11/12/1996
TKM	AH	5,715,815	2/10/1998	Lorenzen et al.	128	207.14	02/12/1996
TKM	AI	5,623,922	4/29/1997	Smith	128	204.18	1/3/95
TKM	AJ	5,546,930	8/20/1996	Wikefeldt	128	201.13	9/2/93
TKM	AK	5,404,873	04/11/1995	Leagre et al.	128	204.18	6/16/93

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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*		AL 93941	08/10/73	Austria				
*		AM 0 462 412 A2	12/27/91	European Patent Office				
*		AN 1 270 946	4/19/72	United Kingdom	A61M 16	00		
TKM	AO	WO 85/05277	12/05/85	Patent Cooperation Treaty				
TKM	AP	WO 91/19527	12/26/91	Patent Cooperation Treaty				
	AQ							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TKM	AR	Andrews, J. Jeffrey, <u>Inhaled Anesthetic Delivery</u> , Anesthesia, Fourth Edition, pp. 185; and 203-207
TKM	AS	Byrick, R.J., et al., "Rebreathing and Co-Axial Circuits: A Comparison of the Bain and Mera F", <u>Canad Anaesth Soc J</u> , Vol. 28, pages 321-328 (1981)
TKM	AT	Dorsch, Jerry A., M.D., Dorsch, Susan E., M.D., <u>Understanding Anesthesia Equipment</u> , Chapter 7, The Circle Absorption System, pp. 201-202 and 220-221

EXAMINER

Lynn Mitchell

DATE CONSIDERED

6/24/05

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* No Copy Provided TKM

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Tkm	BA	5,377,670	1/3/1995	Smith	128	204.17	6/19/92
Tkm	BB	5,320,093	6/14/1994	Racmer	128	203.12	12/21/90
Tkm	BC	5,284,160	2/8/1994	Dryden	128	203.12	11/13/91
Tkm	BD	5,195,527	03/23/93	Hicks	128	205.12	11/18/1991
Tkm	BE	5,140,983	08/25/1992	Jinotti	128	207.14	8/24/90
Tkm	BF	5,121,746	06/16/1992	Sikora	128	203.12	5/29/91
Tkm	BG	5,088,486	02/18/1992	Jinotti	128	207.14	4/11/90
Tkm	BH	4,967,744	11/06/1990	Chua	128	204.18	11/3/98
Tkm	BII	4,938,210	07/02/1990	Shene	128	203.12	04/25/98
Tkm	BI	4,809,706	03/07/1989	Watson et al.	600	538	3/7/89
Tkm	BK	4,637,384	06/20/1987	Schroeder	128	204.18	2/15/85

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Tkm	BL							
Tkm	BM							
Tkm	BN							
Tkm	BO							
Tkm	BP							
Tkm	BQ							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Tkm	BR	Forrest, P.R., "Defective Anaesthetic Breathing Circuit", <i>Canad J Anaesth</i> , Vol. 34, pages 541-542 (1987)
Tkm	BS	Goresky, G.V., "Bain Circuit Delivery Tube Obstructions", <i>Canad J Anaesth</i> , Vol. 37, page 385 (1990)
Tkm	BT	Hannallah, R., et al., "A Hazard Connected With Re-Use of the Bains Circuit: A Case Report", <i>Canad Anaesth Soc J</i> , Vol. 21, pages 511-513 (1973)

EXAMINER

Jenn Marshall

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TKM	CA	4,621,634	11/11/1986	Nowacki et al.	128	204.18	1/27/84
TKM	CB	4,596,246	06/24/1986	Lyall	128	202.27	2/24/84
TKM	CC	4,463,755	08/07/1984	Suzuki	128	204.18	5/13/75
TKM	CD	4,462,397	07/31/1984	Suzuki	128	200.14	4/01/82
TKM	CE	4,391,271	07/05/1983	Blanco	128	203.12	4/06/81
TKM	CF	4,367,769	01/11/1983	Bain	138	114	7/17/78
TKM	CG	4,265,235	05/05/1981	Fukunaga	128	200.24	5/11/79
TKM	CH	4,269,194	05/26/1981	Rayburn et al.	128	719	5/17/79
TKM	CI	4,232,667	11/11/1980	Chalon et al.	128	203.26	9/5/78
TKM	CJ	4,188,946	02/19/1980	Watson	128	204.22	10/7/77
TKM	CK	4,007,737	02/15/1977	Paluch	128	188	4/7/75
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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CL							
CM							
CN							
CO							
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CQ							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
TKM	CR	Heath, P.J., et al., "Modified Occlusion Tests for the Bain Breathing System", <i>Anaesthesia</i> , Vol. 46, pages 213-216 (1991)					
TKM	CS	Jeretn, S. et al., "A Variable Deadspace Device for Use with the Engström Respirator", <i>Anesthesiology</i> , Vol. 34, pages 576-577 (1971)					
TKM	CT	Okazaki, et al., Effect of Carbon Dioxide (Hypocapnia and Hypercapnia) on Regional Myocardial Tissue Oxygen Tension in the Dog, <i>Anesthesiology</i> , Vol. 71, No. 3A, A486 (1989)					
EXAMINER Jenna [Signature]				DATE CONSIDERED 6/24/05			
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TKM	DA	3,856,051	12/24/1974	Bain	138	114	1/18/73	
TKM	DB	3,713,440	01/30/1973	Nicholes	128	188	1/18/71	
TKM	DC	3,556,097	01/19/71	Wallace	128	188	9/25/69	
TKM	DD	4,896,666	01/30/1998	Hinkle	128	202.13	7/6/87	
TKM	DE	5,499,625	03/19/1996	Frass et al.	128	207.15	1/27/94	
TKM	DF	5,819,733	10/13/1998	Bertram	128	207.15	11/8/96	
TKM	DG	5,778,872	07/14/1998	Fukunaga et al.	128	205.29	11/18/96	
TKM	DH	5,983,891	05/16/1999	Fukunaga et al.	128	205.29	7/15/98	
TKM	DII	6,564,799	05/20/2003	Fukunaga et al.	128	205.29	3/28/01	
TKM	DJ	2003/0075176	04/24/2003	Fukunaga et al.	128	203.12	9/24/2002	
TKM	DK	US2003/0183231	10/2/2003	Pedulla et al.	128	204.18	2/6/2003	
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DL								
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
TKM	DR	Okazaki, et al., Effect of Carbon Dioxide (Hypocapnia and Hypercapnia) on Regional Myocardial Tissue Oxygen Tension in Dogs with Coronary Stenosis", <i>Anesthesiology</i> , Vol. 73, No. 3A, A549 (1990)						
TKM	DS	Okazaki, et al., "Effect of Carbon Dioxide (Hypocapnia and Hypercapnia) on Internal Mammary-Coronary Arterial Bypass Graft Blood Flow and Regional Myocardial Oxygen Tension in the Dog", <i>Anesthesiology</i> , Vol. 81, No. 3A, A717 (1994)						
TKM	DT	Paterson, J.G., et al., "A Hazard Associated with Improper Connection of the Bain Breathing Circuit", <i>Canad Anaesth Soc J</i> , Vol. 22, pages 373-377 (1975)						
EXAMINER Jenna Mitchell				DATE CONSIDERED 6/24/05				
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
TKM	ER	Pileam, Susan P., <i>Mechanical Ventilation</i> , 2 nd Ed., Mosby year Book, St. Louis, Missouri, pages 285-286 (1992)					
TKM	ES	Pontoppidan, H., et al., "Acute Respirator Failure in the Adult", <i>New England Journal of Medicine</i> , Vol. 287, pages 743-752 (1972)					
TKM	ET	Robinson, S., et al., "Safety Check for the CPRAM Circuit", <i>Anesthesiology</i> , Vol. 59, pages 488-489 (1983)					
EXAMINER Jesse Mitchell				DATE CONSIDERED 6/24/05			
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
TKM	FR	Scott, P.V., et al., "Variable Apparatus Deadspace", <i>Anaesthesia</i> , Vol. 46, No. 9, pages 1047-1049 (1991)					
TKM	FS	Shapiro, B.A., et al., "Clinical Application of Respiratory Care", <i>Yearbook Medical Publishers, Inc.</i> , pages 351-352 ("Principles of Ventilator Maintenance") (1979)					
TKM	FT	Stoyka, W., "Usefulness of the Suwa Nomogram in Patients in Respiratory Failure", <i>The Canadian Anaesthetists' Society Journal</i> , pages 119-128 (1970)					
EXAMINER <i>Gene [Signature]</i>				DATE CONSIDERED 6/24/05			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	GL						
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	GN						
	GO						
	GP						
	GQ						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
TKM	GR	Suwa, K., et al., "Change in P_{aCO_2} with mechanical dead space during artificial ventilation", <i>Journal of Applied Physiology</i> , Vol. 24, pages 556-561 (1968)					
TKM	GS	Advertisement of the CPRAM™ Coaxial Circuits by Dryden Corporation, Indianapolis, Indiana					
TKM	GT	Advertisement of the ACE Breathing Circuit™ by the Meridian Medical Systems, Inc., Indianapolis, Indiana					
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FOREIGN PATENT DOCUMENTS							
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	HL						
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	HN						
	HO						
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	HQ						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
TKM	HR	Fletcher, R., Scott, P.V., Jones, R.P., "The variable deadspace is not necessary," Correspondence reported in <i>Anaesthesia</i> , Vol. 47, No. 7, pages 623-624 (1992).					
	HS						
	HT						
EXAMINER <i>Leann Mitchell</i>				DATE CONSIDERED <i>6/24/05</i>			
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TKM	EA	6,234,163	05/22/2001	Garrod, et al.	126	80	04/29/99
TKM	EB	6,672,388	01/06/2004	Esashi, et al.	138	119	12/9/99
TKM	EC	5,284,160	02/08/1994	Dryden	128	203.12	11/13/91
TKM	ED	4,593,690	06/10/1986	Sheridan, et al.	128	207.15	6/28/84
TKM	EE	5,005/613	04/09/1991	Stanley, et al.	141	45	6/8/90
TKM	EF	6,223,777	05/01/2001	Smith, et al.	138	109	10/18/99
TKM	EG	4,718,568	01/12/1988	Palu	220	86	11/12/86
TKM	EH	5,632,734	05/27/1997	Galef, et al.	604	282	10/10/95
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	EJ						
	EK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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TKM	EL	81304018.5	02/09/1981	European Patent Office	—	—	Yes	
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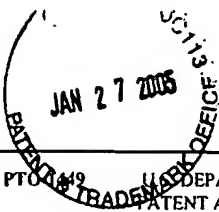
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